



Work Order (Bid Form)

Knoxville/Knox County Community Action Committee



WORK ORDER INFORMATION

Work Order Name: WO/80008KN0051/1

Work Order Type: Weatherization

Audit Name: 80008KN0051-AUDIT

CLIENT INFORMATION

Client Name:

Address:

Client ID: 80008KN0051

Alt. Client ID: KNOX

AGENCY INFORMATION

Agency: Knoxville/Knox County CAC

Agency Phone: (865) 244-3080

Address: P.O.Box 51650

Fax: (865) 544-1647

Knoxville, TN 37950-1650

Email Address: jason.estes@cachousing.org

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

•Single Family Dwelling

Contractor to follow 2006 International Residential Code as adopted by the City of Knoxville or Knox County as applicable.

City

Home built in 1960

An EPA Certified Firm/Renovator is required.

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Work Order (Bid Form)

Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 1 of 10

Measures

Measure 1 Prehung Metal Door Unit

Components

Inspected

☐

Comment Remove old door before installing new door. A door is installed as a complete unit. A door is inclusive of weatherstripping, door lock, deadbolt, door stop, hinges, threshold, facing, strike plate, trim, jambs, paint(1st quality semigloss color to be chosen by homeowner or sand/stained/seal), peep hole (at homeowner desire height), caulk, nailers. No changes allowed. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide. All keys given to home owner not anyone else.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Doors	Prehung Metal Door Unit Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:

Sub Total:

Field Notes:

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Alt. Client ID: KNOX

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Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 2 of 10

Measure 2 DWH Pipe Insulation			Components			Inspected			
Comment									
			Estimated			Actual			
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation Includes labor cost. All corners must be cut properly. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1					
2	Labor	DHW Pipe Insulation	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		
Field Notes:									

Measure 3 DWH Tank Insulation				Components			Inspected		
Comment									
				Estimated		Actual			
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation Includes labor cost. R-10 minimum. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1					
2	Labor	DHW Tank Insulation extend pressure relief pipe as needed	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		
Field Notes:									

Measure 4 Floor Ins. R-19**Components F-1****Inspected**

Comment •Includes labor cost. Contractor's responsibility to seal penetration in floor before installing insulation. Contractor to install using Resnet Grade 1 Standards. Insulation is installed to maintain permanent contact with the subfloor above (paper side against subfloor) including necessary supports (e.g. staves for blankets). Insulation to have NO gaps, voids, or compressions. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Batts - R-19	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Batts - R-19	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

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Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 5 of 10

Measure 5 Attic Ins. R-19**Components A-1****Inspected**

Comment •Includes labor cost. Contractor to install 1 ruler for every 300 square foot of attic space showing depth of insulation. Build insulation dam around attic access. Install baffles as needed to prevent loose fill insulation from entering soffit and covering vent. Seal all holes, gaps, and penetrations in attic before insulating. Seal around chimney with sheet metal and high temperature silicone or fire resistant foam. Install R-30 fiberglass batt secured to attic access and weather strip with foam tape. Contractor to install using Resnet Grade 1 Standards. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Blown Fiberglass - R-19	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Blown Fiberglass - R-19	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

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Work Order (Bld Form)

Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 6 of 10

Measure 6 Wall Insulation**Components** WALL-1,WALL-2,WALL-3,WALL-4**Inspected**☐**Comment**

•Includes labor cost. Contractor must use a dense pack blowing machine. Contractor must dense pack insulation at 3.5 pounds per square foot. Contractor's responsibility to install wood or Styrofoam plugs in holes after installing wall insulation. Contractor's responsibility to repair wall damage interior or exterior if needed while installing wall insulation. Contractor to clean up area around house and clean siding off after measure completed. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unlt Cost	Total	Qty	Unlt Cost	Total
1	Insulation	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	912.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	912.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Measure Sub Total:**Sub Total:****Field Notes:**

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Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 7 of 10

Measure 7 CO Monitor is Needed**Components****Inspected****Comment** Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	CO monitor Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

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Alt. Client ID: KNOX

Work Order (Bld Form)

Work Order Name: WO/80008KN0051/1

Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 8 of 10

Measure 8 Fix Any Other Heating System Problem Components**Inspected**

Comment •Includes labor cost. Must be installed by a licensed mechanical contractor. Must perform an ACCA Manual J and submit with invoice. Must be equal to Amana or Goodman 13 Seer Package Heat Pump, 10 KW emergency heat. Size is approximately 2 ton. Final size will be determined by the Director of Housing. If size on ACCA Manual J is different from this write up, contact CAC before install.

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Includes complete duct system. Must perform an ACCA Manual D and submit with invoice. Must meet local codes. Liquid white Mastic to be applied to entire inside of boot to seal all seams. Top of boot where it meets subfloor to be caulked with appropriate caulk. Boots to be insulated on outside of boot to R-6. This is best performed with 2-part close cell foam. No changes allowed. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.

NOTE: When post audit is performed, all boots must be below 1 pascal with none over 3 pascals and not more than 3 boots over 1 pascal but less than 3 pascals. All duct to be insulated with a minimum of R6 insulation. No changes allow.

Install thermostat. Must be equal to Honeywell's PRO 4000 Programmable Thermostat. Must educate client on operation of thermostat.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Replacement of Heating System	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

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Report Run On: 5/8/2010

DOE Weatherization Assistant
Version 8.6.0
Page 9 of 10

Measure 9 Practice Lead Safe Weatherization (Walls)**Components****Inspected**

Comment A Certified Firm /Renovator is required to adhere to EPA RRP rules. Need to submit copy of Lead Report and 3 pictures (before, during, and after) of each activity.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	EPA RRP Lead Rules	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

Field Notes:**Measure 10 Vapor Barrier Needed 1080 sq ft****Components****Inspected**

Comment Must be 6 mil poly. Must be installed 100% of crawlspace with 6" turned up all walls and support piers. Must be securely fastened. Must be cleated down to earth. Must be secured at all seams. Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.

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#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Basement /Crawlspace Vapor Barrier	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Labor	SqFt	1080	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

Field Notes:**Work Order Grand Total:****Grand Total:**

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Report Run On: 5/8/2010

DOE Weatherization Assistant

Version 8.6.0

Page 10 of 10